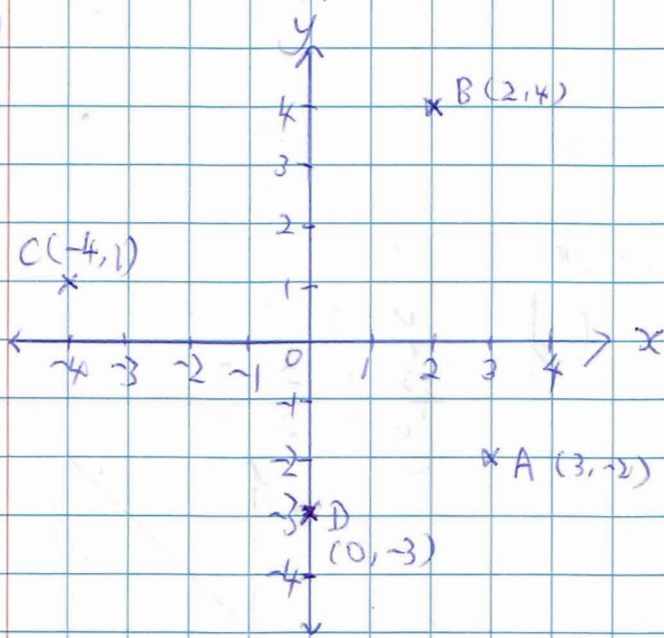


Review Set 21A MYP1 (H&H)

①



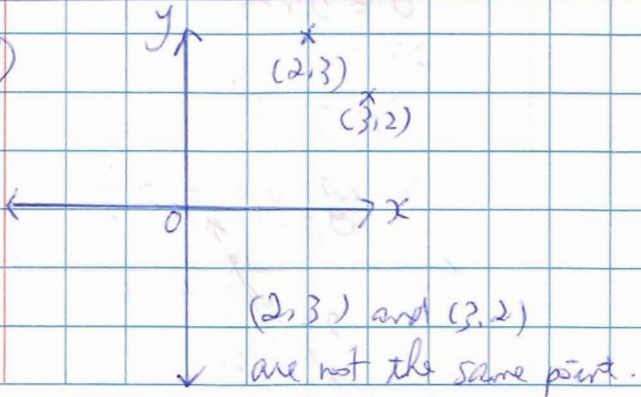
②a)

- The x-coordinate of A is 2
- The x-coordinate of D is -3
- b) The y-coordinate of B is 1
- The y-coordinate of C is -2
- c) The coordinates of A: (2, 2)
- The coordinates of B: (-2, 1)
- The coordinate of E: (0, -1)
- The coordinate of F: (2, 0)

③a)

- (-2, 3) lies on quadrant II (2)
- b) (5, 7) lies on quadrant I (1)
- c) (0, -3) lies on quadrant y-axis

④

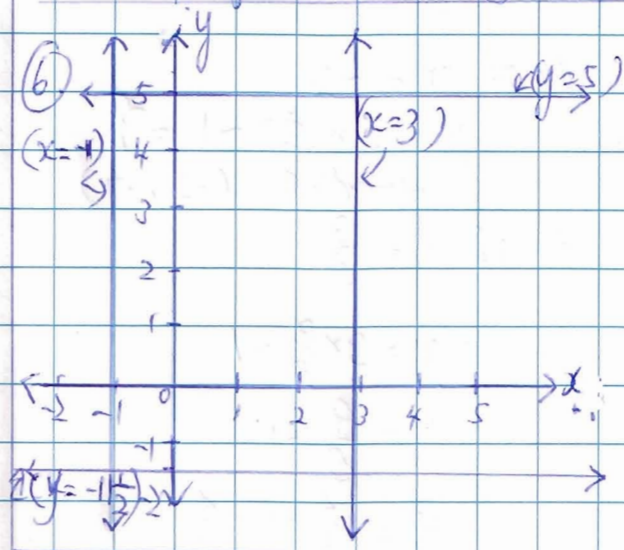


⑤

	A	B	C	D
x	-1	1	2	3
y	-2	0	1	2
x-y	1	1	1	1

∴ the equation is  $x-y=1$

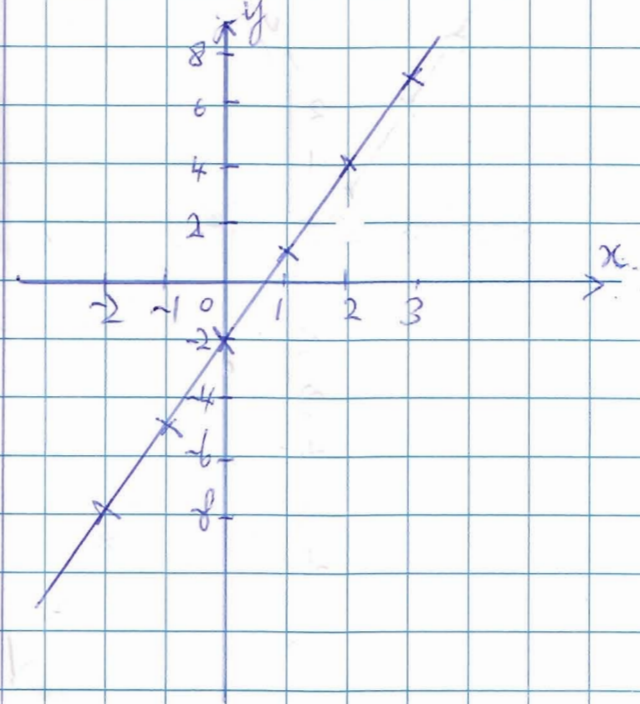
⑥



⑦

$y=3x-2$

x	-2	-1	0	1	2	3
y	-8	-5	-2	1	4	7



8)  $y = 3x - 1$

a) if  $x = 0$

$y = 3(0) - 1 = -1$  coordinates  $(0, -1)$

b) if  $x = 5$

$y = 3 \times 5 - 1 = 14$  coordinates  $(5, 14)$

c) if  $x = -2$

$y = 3 \times (-2) - 1 = -7$   
coordinates  $(-2, -7)$

d) if  $x = \frac{3}{5}$

$y = 3 \times \frac{3}{5} - 1$

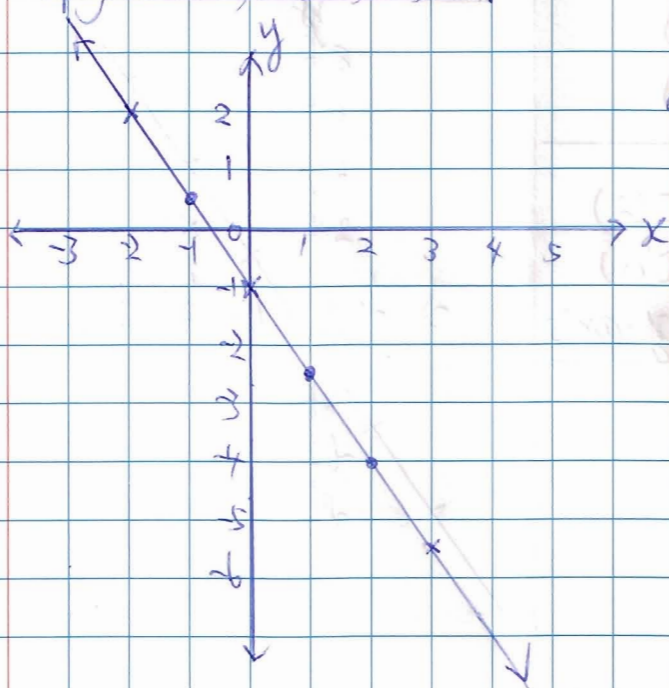
$y = \frac{9}{5} - 1$

$y = \frac{4}{5} - 1 = -\frac{1}{5}$

coordinates  $(\frac{3}{5}, -\frac{1}{5})$

9.)

x	-2	-1	0	1	2	3
y	$2(\frac{1}{2}) - 1$	$(-2\frac{1}{2}) - 1$	$(-4) - 5$	$2$	$5$	$2$



11.)  $y = 2x + 5$

x  $(\frac{5}{2})$  0

y 0  $(-5)$

a) When  $x = 0$

$y = 2(0) + 5 = 5$

$\therefore$  y-intercept = 5

b) When  $y = 0$

$0 = 2x + 5$

$2x = -5$

$x = -\frac{5}{2} = -2\frac{1}{2}$

$\therefore$  x-intercept =  $-2\frac{1}{2}$

